



Engineering Services Staff Report: City Council Meeting – December 02, 2008

Engineering Services Department – General

Dallas Regional Mobility Coalition (DRMC) – The DRMC Meeting was held on Friday, November 7, 2008. The meeting agenda consisted of the following items:

- Approval of the October 3, 2008 Meeting Minutes (approved);
- Treasurer's Report and Approval of October Expenditure (approved);
- Focus Area – Rail North Texas Initiative;
- Focus Area – SB-792 Update;
- Agency Reports – DART;
- Agency Reports – RTC;
- Agency Reports – TxDOT;
- Agency Reports – NTTA;
- Agency Reports – DCTA;
- Other Business – Joint Tarrant Regional Transportation Coalition (TRTC) and DRMC Meeting – Thursday January 8, 2009;
- Other Business – Nominating Committee Update.

North Central Texas Council of Governments (NCTCOG) – The City has a representative on the NCTCOG Surface Transportation Technical Committee (STTC) each month to represent the City's interest in local and regional transportation issues. Staff also attends the Regional Transportation Council (RTC) to support the joint representative of the cities of Frisco/Allen/Prosper/Lucas in this effort.

- **Regional Transportation Council (RTC)** – The RTC held a special-called meeting on November 6, 2008. John Eaglen attended the meeting for Director Sylo. The RTC started by holding a Rail North Texas Legislative Initiative Work Session to discuss the proposed legislative agenda for consideration during the regular RTC meeting agenda. The meeting ran late and several items on the regular agenda were tabled to a future meeting. The RTC considered the following items during the meeting:
 1. **Agenda Item One, Approval of the October 9, 2008 Minutes.** *Action:* The RTC unanimously approved the October 9, 2008 Meeting Minutes.
 2. **Agenda Item Number Two, Consent Agenda, Diesel Idling Reduction Call for Projects.** *Background:* Congestion Mitigation and Air Quality Improvement Funds in the amount of \$1.2 million have been programmed to administer a Diesel Idling Reduction Program Call for Projects. This program will provide funding for projects that reduce emissions of nitrogen oxides (NOx) caused by idling of heavy-duty diesel vehicles. The Call for Projects is anticipated to launch in November 2008, with awards announced in early 2009. This program is a Voluntary Mobile Emissions Reduction Program (VMEP) commitment in the Dallas-Fort Worth 8-hour Ozone Attainment Demonstration Implementation Plan. *Action:* The RTC unanimously approved a motion to implement a Diesel Idling Reduction Program Call for Projects.

3. **Agenda Item Number Three, Orientation to Agenda / Director of Transportation Report.** Background: NCTCOG Director of Transportation Michael Morris covered the following topics during the report: (1) **October 14-15, 2008 Public Meeting Minutes (handout)**; (2) **Regional Toll Revenue (RTR) Reporting and Internet Access Status** – by the end of the year NCTCOG Deputy Executive Director Monte Mercer will have an internet-based reporting system for the RTR funds up and running for public access by the end of this year; (3) **Recent TxDOT / NTTA Agreement on SH 161 and Southwest Parkway/Chisholm Trail: Implications for the North Tarrant Express and the Dallas Trinity Parkway (December Action Steps)**; (4) **South Dallas Planning Study** – RTC had previously approved a South Dallas Traffic Study, and a meeting will be held in December - all elected officials are welcome to attend; (5) **Brownfields Revolving Loan Fund**; (6) **North Central Texas Clean School Bus Call for Projects** – the deadline for this Call for Projects is December 14, 2008; (7) **1-Hour State Implementation Plan Transportation Control Measure Substitution Process** – The region has achieved compliance with the 1-hour standard for ozone and NCTCOG has to assure the Environmental Protection Agency (EPA) and the citizens that all intersection improvement commitments have been honored; the NCTCOG staff will be following up with local agencies on these commitments; and (8) **NTTA Monthly Corridor Status Report (Handout) / NTTA Completes Bond Sale for SH 121.** Action: The RTC took no action on this agenda item.
4. **Agenda Item Number Four, Rail North Texas Legislative Update.** Background: The RTC approved a legislative program at their October 9, 2008 meeting. Consideration of this item will advance one (1) element of this program that relates to the Rail North Texas Initiative and contains three (3) general policy areas: (a) summary of the policy elements in the proposed Rail North Texas legislation; (b) confirmation of the Tri-Party Transportation Authority Agreement between DART, The T and DCTA (the “Tri-Party Agreement”); and (c) elements of the Transportation District that the RTC is not interested in pursuing. Action is necessary to collect support from the impacted local governments within the region.

Discussion: City Councilmember Jungus Jordan (Fort Worth) recapped the Rail North Texas initiative that started in February 2008 with the following principles: (1) rail is needed as the first priority in the region; (2) local authority and local funding options are desired; (3) efficiency is necessary prior to going forward with additional funding requests and the RTC needs to make sure that they are getting funds from all available resources prior to going to the legislature with additional funding options; and (4) specific projects should be tied to specific funding sources. Councilmember Jordan recapped the concern expressed in the work session earlier that there seems to be a perception that the Resolution creates a new entity, but the concept of the Transportation District is not to create a fourth entity, but to create a mechanism for oversight and administration by the NCTCOG in an effort to establish accountability and a multi-modal transportation fund (transportation and transit).

Chair Charles Emery (DCTA) stated that over the past year the work has been to try and work on developing funding sources and approach the legislature on funding source alternatives and that the Tri-Party Agreement should be the foundation upon what RTC is trying to do. Chair Emery stated that the Resolution in concept creates a fourth entity and he thinks that the RTC should be careful and not contradict what is said in earlier paragraphs of the Resolution, as it will complicate discussions with the legislature. Chair Emery stated that he felt like the three (3) existing entities can promote regional rail more efficiently than a fourth entity, and the focus should be on the existing transit agencies funding additional regional rail.

Commissioner Maureen Dickey (Dallas County) stated that she had some of the same concerns expressed by Mr. Emery. Commissioner Dickey added that NCTCOG is traditionally a planning organization and proposing them to become a taxing authority would be an issue of

concern to the legislature. The Tri-Party Agreement is a start to build upon. Commissioner Dickey closed by stating that having tax dollars from multiple entities held in one place may be problematic for the Counties, as they may want to be custodians of the funds generated in their particular County.

City Councilmember Lee Dunlap (Plano) explained that his basic concern is that it may be difficult for the citizens of Plano to accept that Collin County would be issuing another tax for transit; he would want to make it clear that the dollars could be used to fund "transportation" projects in addition to transit projects.

County Judge Glen Whitley (Tarrant County) stated that as far as he is concerned the Rail North Texas Initiative is not just talking about transit, and that the RTC needs to clarify that there are not just transit needs, but also transportation needs. Each County should be able to look at their need, put it on a ballot and take it to the citizens. On the issue of oversight, Judge Whitley stated that he would not be comfortable with the County taking responsibility for the rail or for taking responsibility from TxDOT for the North Tarrant Express. Judge Whitley felt like there needs to be a central collection point that gives dollars to those who will build the specified projects, but the first question the RTC should be asking is are we just talking about rail?

Mayor Oscar Trevino (North Richland Hills) added that one city (Richland Hills) that he represents on the RTC is already a partner in The T and during the initial discussions in this process that there are cities that would like to have the chance to use their funding on transportation projects versus being double-taxed for transit.

Mayor Robert Franke (Cedar Hill) asked who is going to call the election, and who would collect the funds?

Mayor Bill Whitfield (McKinney) stated that the SH 121 process is an outline for this process in getting transit projects funded. Mayor Whitfield added that rail is the generator of interest, the survey completed a few years ago shows strong support. The initiative should appeal to the greatest strength and that the RTC should not be discussing who collects the taxes and who calls an election. Mayor Whitfield stated that the RTC should narrow the focus of this initiative and stick with what 78% of the people surveyed said that they wanted and were willing to pay for.

Board Member Mark Enoch (DART) stated that the focus of this initiative should be on transit versus transit and transportation, and suggested that this item be tabled for a short period of time to allow the staffs of the transit agencies to work with the NCTCOG to come up with an alternate recommendation.

City Councilmember Ron Natinsky (Dallas) stated that the subcommittee has met many times, and that he thought that the RTC was moving towards adopting the Resolution today. Councilmember Natinsky added that there are other areas of the state that are following our lead and if we don't get our act together we will not be in the lead of this issue any longer. He had thought that the subcommittee had expressed that they did not want a fourth entity and that the existing transit authorities would construct the rail. Councilmember Natinsky stated that he felt like the RTC would be working on revisions to the Resolution some more after it has gone to Austin and that if the RTC does not get moving on this issue, it will be a future discussion item in future legislative sessions. **Action: An initial motion to table consideration of this item and let DART, The T, DCTA and NCTCOG get together to consider drafting an alternative legislative agenda was moved and seconded.**

A substitute motion to approve Resolution 08-12 and the attachment to Resolution 08-12 was approved by the RTC by overall majority with eight (8) dissenting votes.

5. **Agenda Item Number Five, Legislative Program Update: Exemption from S.B. 792 and Policy Areas Related to Primacy.** *Background:* The RTC requested a primacy position to be presented at the November meeting. This legislative element is anticipated to be one of four (4) components the RTC will “actively pursue.” The staff recommendation is for the RTC to approve a partnership policy and request the legislature to exempt the region from any market valuation or primacy language that would impact the Dallas-Fort Worth region. *Action:* **After further discussion on the NCTCOG staff proposal, the RTC took no action on this agenda item.**
6. **Agenda Item Number Six, 2009 Unified Transportation Program (UTP) Category 2 Gas Tax Projects / Backlog.** *Background:* In October 2008 the RTC approved a tentative list of projects for the Unified Transportation Program (UTP) and asked staff to bring the projects back to STTC and RTC each month as the financial situation with TxDOT changes. Through this request, TxDOT acknowledged the need for continued flexibility due to changing transportation funding assumptions and policies. Outside factors such as TxDOT’s and NTTA’s decisions on Southwest Parkway, SH 161 and the Trinity Parkway can change regional priorities for Category 2 funding. Therefore, NCTCOG and TxDOT District staffs have continued to coordinate on the re-prioritization of projects previously funded in the UTP. *Action:* **After discussion of the potential for a federal stimulus package that could include transportation projects, the RTC took no action on this item.**
7. **Agenda Item Number Seven, Regional Vehicle-for Hire Study and Certified Tourism Ambassador Program Briefing.** *Background:* The NCTCOG Regional Public Transportation Coordination Plan identified a specific short-term regional coordination strategy to “encourage regional, rather than local taxicab certification/registration.” NCTCOG staff is working in partnership with the City of Dallas, City of Fort Worth and Dallas/Fort Worth International Airport to develop the institutional structure to implement a Regional Vehicle-for-Hire Program. Initiated in July 2008, the study seeks to document regional goals and objectives, summarize existing operations and standards in other communities; and evaluate potential organizational structures and standards for implementation in the Dallas-Fort Worth region. Concurrently, the Dallas/Fort Worth Tourism Council is leading an effort to develop a regional approach to enhancing customer service through the Certified Tourism Ambassador (CTA) Program with support from the region’s convention and visitor bureau, transportation, hotel and restaurant sectors. *Action:* **The RTC unanimously approved a motion directing NCTCOG staff to look at potential funding for the program for an amount not-to-exceed \$165,000.00, and to bring back a recommended funding source for RTC consideration at the December meeting.**
8. **Agenda Item Number Eight, Status Report from Recent Texas Transportation Commission Meeting.** *Background:* TxDOT is experiencing a significant cash-flow problem. In addition, the RTC has requested that SH 121 revenues be returned to the region. NCTCOG staff updated the RTC on five (5) items in which comments were made to the Commission. *Action:* **As an information item the RTC took no action on this agenda item.**
9. **Agenda Item Number Nine, Seven Methods to Encumber Regional Toll Revenue Funds.** *Background:* The RTC and the NCTCOG Executive Board are very interested in maintaining control over the \$3.2 Billion of SH 121 revenue allocated for the region; NCTCOG staff outlined seven (7) methods underway to meet this objective, including: (a) expedite project delivery; (b) encumber project funds; (c) advance TxDOT / NTTA projects; (d) return

off-system funds; (e) request narrowed Attorney General Opinion for the return of on-system projects; (f) pursue Legislative Budget Board support; (g) develop legislative action for current and future funds to stay in the region. Action: **As an information item the RTC took no action on this agenda item.**

10. **Agenda Item Number Ten, 2008 Ozone Season Update.** Background: Nine (9) counties in North Central Texas are in non-attainment for the pollutant ozone and have a federally mandated attainment deadline of June 15, 2010. NCTCOG staff presented ozone activity during the 2008 season and on the historical perspectives with regard to the 8-hour ozone standard and weather phenomena favorable to ozone formation. Action: **As an information item the RTC took no action on this agenda item.**
11. **Agenda Item Number Eleven, NCTCOG Administration of Off-System Project from S.H. 121 Revenues.** Background: The RTC and NCTCOG Executive Board are requesting the Texas Transportation Commission off-system funds be returned to the region; staff wanted to present the outline for the proposed administration of this local program. Action: **Due to the length of the meeting this agenda item was tabled to a future meeting.**
12. **Agenda Item Number Twelve, Progress Reports.** Action: **Due to the length of the meeting this agenda item was tabled to a future meeting.**
13. **Agenda Item Number Thirteen, Other Business (Old or New).** Action: **Due to the length of the meeting this agenda item was tabled to a future meeting.**
14. **Agenda Item Number Fourteen, Future Agenda Items.** Action: **Due to the length of the meeting this agenda item was tabled to a future meeting.**
15. **Agenda Item Number Fifteen, Next Meeting.** The next meeting of the RTC is scheduled for Thursday, December 11, 2008 at 1:00 p.m., to be held at the NCTCOG, RTC Boardroom.
 - **Surface Transportation Technical Committee (STTC) -** Cissy Sylo also attended the October 24 STTC meeting held, Friday October 24, 2008 in Arlington Texas. Due to the upcoming holidays, the November and December STTC meetings have been combined into one meeting on Friday, December 5, 2008. Action Items on the October 24, 2008 meeting agenda included the following:
 - **Item Two Consent Agenda – 2.1 Diesel Idling Reductions Call for Projects.** – STTC approved approximately \$1.2 million in Congestion Mitigation and Air Quality Improvement funds programmed to administer a Diesel Idling Reduction Program Call for Projects. This Call for Projects will provide funding for projects that will reduce emissions of nitrogen oxides caused by unnecessary idling of on-road and non-road heavy duty diesel vehicles. The Call for Projects is anticipated to launch in November 2008, with awards announced in early 2009.
 - **Item Three - NCTCOG Administration of Off-System Regional Toll Road Projects –** NCTCOG staff summarized the proposed administration of off-system projects using local design and contracting methods. NCTCOG staff presented a proposal that would require local municipalities to meet AASHTO design standards, NCTCOG Public Works construction standards and follow Environmental TxDOT processes on off-system regional toll road projects. This process will be presented to the Texas Highway Commission on Thursday, October 30, 2008. The Surface Transportation Committee did not agree with this proposal by NCTCOG staff/TxDOT and voted to present a letter from STTC that municipalities should be allowed to follow local design standards in lieu of these provisions as originally presented during the SH 121 toll road MOU process.

- **Item Four – Brownfields Revolving Loan Fund** - NCTCOG staff presented information on the Sustainable Development's upcoming NCTCOG Call for Projects. This program has received \$3 million EPA Brownfields Revolving Loan Fund grant. NCTCOG will provide loans to local governments for cleanup activities of sites that would serve as potential transit oriented developments, though other site utilizations will be considered.
- **Item Five – 1- Hour State Implementation Plan (SIP) Transportation Control Measure (TCM) Substitution** – Staff briefed STTC on the status of the 1-Hour SIP TCMs. At this time this effort was conducted, all projects were assumed to be implemented by November 2007. However, some of these commitments have either been canceled or significantly delayed beyond their implementation date. NCTCOG staff explained that to resolve any remaining 1-hour issues, a TCM substitution process will be conducted to replace deficient projects with completed projects.
- **Item Six – 2009 Unified Transportation Plan/Backlogged Projects** – NCTCOG staff are informing both the STTC and RTC of the status of backlogged projects of a tentative list of projects that each month may need to be updated due to changing transportation funding assumptions.
- **Item Seven – SH 161 and Southwest Parkway/Chisholm Trail** – This agenda item provided the Committee a briefing regarding the agreement between the NTTA and TxDOT on advancing toll roads in the region. A representative from NTTA provided a summary of the agreement to allow TxDOT to backstop the funding on SH 161 funding with Category 12 funding which is TxDOT Commission Discretionary Funding Source.
- **Item Eight – 2008 Ozone Season Update** – The committee was provided an update on the ozone activity in the North Central Texas area during the 2008 ozone season and a historical perspective with regard to the 8-hour ozone standard and weather phenomena favorable to ozone formation.
- **Item Nine – Video Highlights of Innovative Construction Methods: Opportunities for the Dallas-Fort Worth Region** – This agenda item included a video of a unique reconstruction project in Oakland California where the contractor selected by CalTrans reconstructed the damaged connector ramps of an interchange in only 26 days, collected a \$5 million bonus after submitted only a bid of \$876,075.00.

Business Retention – No meeting was held this month.

Engineering Highlights – Elizabeth Metting:

- **Construction Inspections** – Construction Inspectors have 406 current projects that are at various stages of construction.
- **Pre-construction Meetings** – Staff held pre-construction meetings for new projects:
 1. 1350 Sq Ft, CIFO/Little Caesars #1392-0006
 2. 1650 Sq Ft, CIFO/Firehouse Subs #434
 3. Frisco Lakes-Del Webb Village 15, Ph 2
 4. Frosted Java
 5. Pool Only / Broadstone Frisco Apts
 6. Pool Only / Cobb Farm
 7. Snell Addition BIA Its 6-8 Dobson Floors

- **Project Final Acceptances** – There were 13 projects accepted.
 1. Teel Pkwy (Shoals – Timber Ridge)
 2. Frisco Center
 3. Main Street Village-Lt 7- Self Storage Facility
 4. Police Holding Facility
 5. Preston Lebanon Crossing – Care Now – Lt 2
 6. Warren Legacy Addn, BI A, Lt 3 (Colonial)
 7. NW & SW Elevated Storage Tank
 8. George Mixon Addition, BI A Lt 9-10
 9. Frick Main street B Lts 1-3 Kwik Triple
 10. Waterstone 423 Retail – Walgreens – Lot 2
 11. Tenet Hospital Frisco Lt 1
 12. Frisco Center Business Park, BIA, Lt 1
 13. Vistas at Waterstone Ph 2

Project Reviews – Staff has completed **Forty Seven (47)** engineering reviews.

STATE PROJECTS

- **FM 2478/Custer Road (Stonebridge – US 380)** – Project to widen the existing two lane road to a six lane urban roadway with curb and gutter. The City of McKinney hired Kennedy Consulting, Inc., to design this project. Completed plans have been submitted to Austin for bidding in December. Right of Way is currently being acquired and franchise utilities are preparing for required relocations. Construction is anticipated to begin in Spring 2009 and is estimated to take 26 months to complete. (*Project Manager: Jason Brodigan*)
- **FM 2934/Eldorado Parkway (FM 423 – DNT)** – Project to widen the existing two lane road to a six lane urban roadway with curb and gutter. TxDOT bid the project in February 2008, and construction began in September on Phase 1. During Phase 1, the contractor, W.W. Webber, will construct the northern two lanes. Franchise utility companies continue to work on relocating newly discovered conflicts along Eldorado. 65% of the storm sewer on the north side of the road has been installed and 35% of the subgrade has been stabilized. Construction is expected to take 20 months. Staff is attending monthly update meetings with the contractor and TxDOT. A monthly newsletter will be distributed by email beginning in November to update businesses and citizens affected by the construction. The newsletter will also be posted on the Engineering Services website in English and Spanish. Instructions on how to be added to the email distribution list will be included in the newsletters. (*Project Manager: Michael Bulla*)
- **FM 3537/Main Street (Preston Road – Custer Road)** – Project to widen the existing two lane road to a six lane urban roadway with curb and gutter. Revised 60% plans have been sent to TxDOT for review. The project is anticipated to begin ROW acquisition in early 2009, and utility adjustments will follow ROW acquisition. TxDOT is expected to bid the project in September 2009 and construction is estimated to require twenty-four (24) months. (*Project Manager: Jason Brodigan*)
- **FM 423 (SH 121 – US 380)** – Project to widen the existing two lane road to a six lane urban roadway with curb and gutter. Environmental clearance (FONSI) for the Middle and North Sections was received in July 2006, and ROW acquisition will be conducted by TxDOT in accordance with the SH 121 Memorandum of Understanding. (*Project Manager: Jason Brodigan*)

- **North Section (Eldorado – US 380)** – Staff completed review of the revised 95% plans in September 2008. Design is expected to be completed in January 2009. The north section is scheduled to be bid by TXDOT in early 2010, or upon completion of ROW acquisition and utility relocation. Construction is anticipated to require 24 months.
- **Middle Section (Stewart Creek – Eldorado)** – Jacobs has submitted 100% plans to TxDOT for final review. Right of Way acquisition is approximately 75% complete. Coordination with the utility companies continues. The middle section is scheduled to be bid by TXDOT in August 2009, or upon completion of ROW acquisition and utility relocations. Construction is anticipated to require 24 months.
- **South Section (SH 121 – Stewart Creek)** – Denton County is coordinating the design of this project by Jacobs Carter Burgess working with TxDOT and The Colony. TxDOT held a Public Hearing on the environmental effects of the plans to widen this section in January 2008. Currently, this project is expected to bid in mid to late 2010 and is expected to require 26 months to construct, pending environmental clearance, acquisition of right-of-way, and relocation of utilities.
- **Frisco Square Boulevard Railroad Crossing** –Construction of the street connection of Frisco Square Blvd. across the railroad tracks began in September. The contractor has completed 95% of the storm sewer. Demolition of the old Greensmith's warehouse and BNSF's installation of the new rail improvements are also complete. Work continues on building the subgrade prior to the stabilization process. The contractor anticipates being completed in early 2009. *(Project Manager: Michael Bulla)*
- **SH 289/Preston Road (Main Street – US 380)** – Project to widen the existing two lane road to a six lane urban roadway with curb and gutter. TxDOT bid the project on October 15, 2008 with the apparent low-bidder being Mario Sinacola & Sons Excavating, Inc. The low bid cost of the project was approximately \$35 million. TxDOT has only two parcels of Right of Way remaining to acquire. Franchise utility companies are preparing plans for relocations. Freese and Nichols, Inc. are currently preparing plans to relocate the City of Frisco water line along Preston Road. Construction of Preston Road is expected to begin in early 2009 and is estimated to take 30 months. *(Project Manager: Jason Brodigan)*
- **US 380 (Coit Road - FM 423)** – Turner, Collie & Braden has been hired by Collin and Denton Counties to study the US 380 corridor and recommend alternatives for improving mobility. A schematic has been prepared from Coit to CR 26 and is currently being reviewed by TxDOT. *(Project Manager: Jason Brodigan)*

CITY PROJECTS:

- **20" Dallas Parkway Water Line (Stonebrook - Main) and 30" Main Street Water Line (DNT – Legacy)** – The scope of work includes the design of 11,500 linear feet of 24" and 12" water main (along the Dallas Parkway from Stonebrook to Main) and 2,300 linear feet of 36" water main (along Main Street from the DNT to Legacy). City Council awarded the design contract to Camp Dresser & McKee, Inc. in June 2006. Project is on hold pending staff review and coordination of the design with the Grand Parks lakes. The project scope and schedule will be revised due to modifications to the water line alignment. Portions of the project are expected to be re-activated by the last quarter of 2008. *(Project Manager: David Chacon)*
- **24" Dallas Parkway Water Line (Warren – Lebanon)** – The scope of work includes the installation of 6,200 linear feet of 24-inch water main, pressure-reducing valve station, upsizing existing 12-inch with an 18-inch, and connecting an existing 12-inch water main. Fox Contractors have installed all of the 24-inch water line. The project is substantially complete and operational. The project is expected to be closed out in December 2008. *(Project Manager: David Chacon)*

- **30" Dallas Parkway Water Line (CR 23 –DNT–Virginia Parkway – Preston) & Transfer Valve Station** – The project includes 18,800 linear feet of 30" water main along the Dallas Parkway to serve the northern portion of the City. City Council awarded the design contract to Jacobs Civil, Inc., in August 2006. The project is currently on hold awaiting the Virginia Parkway roadway alignment by a separate consultant. The project scope and schedule will be revised and completion of the design is expected in mid 2009. *(Project Manager: David Chacon)*
- **7th Street (Main – Hickory)** – This project will improve the existing asphalt street to concrete paving with curb and gutter, sidewalks, lighting, and other improvements. Design Services are currently being negotiated with a Consulting Engineer. Design is expected to begin in early 2009. *(Project Manager: Jason Brodigan)*
- **City Hall Parking Garage** – Carl Walker is the consultant responsible for the design of the parking garage structure behind the city hall building. The consultant is preparing the preliminary schematic plans for the garage. Design is anticipated to be complete during 2008 and construction is anticipated to be started early in 2009. *(Project Manager: Ben Brezina)*
- **CR 712/All Star Ave (Frisco St. – North County Rd.)** – The project includes constructing a 4-lane divided section between Frisco Street and the BNSF Railroad and a 37 foot wide undivided section from the BNSF Railroad to North County Road. Mario Sinacola began construction in July 2008 and has completed 95% of the improvements west of the railroad tracks. Sinacola's crews continue to work on cleaning up the west end of the project while they await BNSF's installation of new rail at the street crossing. Once the rail is complete, work can proceed on the east end of the project at the connection with North County. The project is anticipated to be completed in early 2009. *(Project Manager: Michael Bulla)*
- **Cottonwood Creek and Stewart Creek Lift Stations** – The 2008 Updated Water and Wastewater Master Plan revised the project scope to a lift station and force main at Cottonwood Creek and the decommissioning of the Cottonwood Creek Wastewater Treatment Plant (WWTP). This project will divert 5 MGD (million gallons per day) of wastewater from the Cottonwood Creek WWTP to the Panther Creek Wastewater Treatment Plant via the new Panther Creek Interceptor currently under construction. The engineering services contract is being amended to reflect the change in scope. Design is expected to resume in early 2009. The project is expected to be bid in Fall 2009. *(Project Manager: Art Hartle)*
- **Dogwood Street / Meadow Lane** – This project will replace existing two asphalt streets with concrete pavement with curb and gutter. Bids were opened on November 4. Construction will begin in January 2009 and be completed in the fall of 2009. *(Project Manager: Art Hartle)*
- **Eldorado Parkway (DNT – Preston)** – City Council awarded the design contract to Wier & Associates in June 2006, for the design of the westbound (northern) two lanes, including the westbound bridge over the BNSF Railway. The City is expediting construction of the fifth and sixth lanes to coincide with construction of the remainder of the project with the use of Collin County bond funds. Weir & Associates is currently preparing the final plans. This project is expected to bid in late 2008 and should require 15-18 months to complete. *(Project Manager: Jason Brodigan)*
- **Eldorado Independence Intersection Improvements** – RLK Engineering is designing the intersection improvements at Eldorado Pkwy and Independence Pkwy. The project includes permanent traffic signals at Eldorado and Independence; turn lanes along Eldorado and along Independence at the High School entrances, a westbound to northbound right turn lane on Eldorado, and two additional lanes to connect existing portions of pavement for eastbound Eldorado traffic. Design plans are 95% complete. The project is expected to bid in late 2008, pending acquisition of right-of-way. *(Project Manager: Jason Brodigan)*

- **Elevated Storage Tanks and Preston 24" Water Line** –The original project consisted of two elevated water storage tanks and a 24 inch water line along Preston Road. Design of the first elevated tank to be located at the intersection of Stonebrook Parkway and FM 423 has been placed on hold. The original site for the second elevated tank was on the east side of Preston Road. A new tank site, between Shoemaker Road and Preston Road, has been selected. The engineering contract will be amended to reflect these changes and design should begin in January 2009. Construction of the Preston-Main elevated storage tank and 24 inch water main is expected to be in operation by 2011. *(Project Manager: Art Hartle)*
- **Eubanks Street (Fifth St- BNSF RR)** – Corwin Engineering has completed the design for the replacement of this street. Right of Way acquisition is currently underway. Construction is anticipated to begin in early 2009 and will require six months to complete. *(Project Manager: Michael Bulla)*
- **Frisco #1 Pump Station Expansion (Custer Road)** – This project was awarded by City Council in July 2007 and construction started in October 2007. Installation of a transformer by CoServ is anticipated by end of November 2008. Following energizing, the transformer startup testing will be initiated. Project will be substantially complete with successful operation of the pumping station. The project is anticipated to be substantially complete in early 2009. *(Project Manager: David Chacon)*
- **Independence Parkway (SH 121 – Main)** – City Council awarded the bid for construction services to Mario Sinacola and Sons Excavating, Inc. in August 2006. Phase 1 (two new lanes from Main to Rolater Road) was opened to traffic in August 2007. The contractor has opened the final section of Independence near Main Street and is working on cleanup issues prior to final acceptance. *(Project Manager: Michael Bulla)*
- **Lebanon at Dallas North Tollway** – Kimley-Horn is designing improvements at the intersection of Lebanon and the Dallas Parkway along Lebanon to better align the roadway with the newly constructed bridge over the DNT. Design is approximately 95% complete. ROW acquisition is pending review of bid set of plans by the property owners. Construction is anticipated to take seven months upon the completion of right of way acquisition and utility relocation. *(Project Manager: David Chacon)*
- **Lebanon Road (FM 423 – Presidents Dr.)** – Spiars Engineering designed the widening of Lebanon Road from two to four lanes (eastbound lanes). The project was awarded to Rodman Excavating and construction began in February 2008. Water and drainage improvements are complete and bridge work continues. The contractor has finished all main lane paving and is expected to finish turn lanes and crossovers in December. The project is expected to be completed in early 2009. *(Project Manager: Michael Bulla)*
- **Legacy Drive (Citation – Main)** – This project will provide three lanes in each direction from Main Street to Citation Court, and a right turn lane from east-bound Main Street to southbound Legacy. Construction is substantially complete and all lanes are now open to traffic. Close out of the project is expected in December 2008. *(Project Manager: David Chacon)*
- **Legacy Drive 16" Water Line (Stewart Creek – Citation)** – Construction of 2,951 linear feet of 16" water main along Legacy Drive began in July 2008. Bowles Construction has completed the installation of the water line and the line is operational. Project close out is expected in December. *(Project Manager: Art Hartle)*
- **Northwest Infrastructure** - Kimley-Horn was contracted to analyze alternative alignments for water & sewer lines to serve properties near FM 423 & US 380. An analysis of alternative alignments for future Virginia Pkwy from FM 423 to Preston Road was also included and has been completed. Design is approximately 95% complete. The consultant is currently meeting with property owners and preparing easement documents. Construction of the project is currently on hold pending development needs for services in this area of the City.. *(Project Manager: David Chacon)*

- **Panther Creek Parkway (DNT – Teel) and Legacy Drive** - This project constructed 4 lanes of arterial street in a location where no roadway existed to provide traffic relief for Eldorado Parkway.. Legacy Drive was opened to traffic in October. Signals lights at Panther Creek and Legacy are now operational. *(Project Manager: Michael Bulla)*
- **Panther Creek Sewer Interceptor – (Project Manager: David Chacon)**
 - **Phase 1 (Panther Creek)** –City Council awarded the construction contract to SJ Louis on July 15, 2008. The project is contractually required to be substantially complete and operational at the end of April 2009.
 - **Phase 2 (Parvin Branch)** – Design of Phase 2 is currently on hold until future development dictates need for the project. Design is approximately 90% complete. Construction is estimated to take six months.
 - **Phase 3** – Design of Phase 3 is currently on hold until future development dictates need for the project. Design is approximately 60% complete.
- **Rolater Road (Custer - Independence)** – The Project will construct the two east bound lanes of the four lane divided roadway including a bridge over Rowlett Creek. Design of the project, by RLK Engineering, is approximately 60% complete. Construction is expected to begin in Spring 2009 and require 10 months to complete. *(Project Manager: Jason Brodigan)*
- **Rolater Road (Coit – Independence)** – The Project includes the construction of a four lane divided roadway, which will replace the existing unpaved CR69. Sinacola began construction in October 2007. Paving began in late July and was completed in mid August. The roadway is now open as the contractor finishes minor cleanup issues. *(Project Manager: Michael Bulla)*
- **Rolater Road 42” Water Line (Coit – Preston)** – Construction of a 42-inch steel water transmission pipeline in the median of Rolater Road began in March 2008. As of October 31, the contractor has installed approximately 50% of the total 11,000 lineal feet of pipe. The project is scheduled to be completed in early 2009. *(Project Manager: Art Hartle)*
- **Selected Old Town Streets (1st, 3rd, 4th, 6th, Pecan, and Hickory)** – City Council awarded the bid for construction services to Jim Bowman Construction in November 2006. The contractor has completed all of the street paving and is completing punch list items prior to the City’s final acceptance. *(Project Manager: Michael Bulla)*
- **Sidewalk Improvement Program** - This Project will construct sidewalks, hike and bike trails, and curb ramps at various locations throughout the City of Frisco. Locations were chosen to complete gaps in the sidewalk system and in response to requests from citizens. Estrada Concrete has completed the sidewalk required within the contract and continues to work on cleanup and replacing grass in disturbed areas. Cleanup should be complete in December. *(Project Manager: Michael Bulla)*
- **Stonebrook Parkway (Legacy – Longhorn)** –Project to construct the four lane roadway including a bridge over Stewart Creek as well as an underpass for the BNSF railroad is under design by HNTB. Design is approximately 95% complete. Permitting by the US Corps of Engineers is expected to take 12-18 months starting November 2007. As a result, the project will be completed in two phases. The first phase, from Fighting Eagles Dr to Legacy Drive as well as the railroad bridge, is expected to begin construction in early 2009. Construction of the second phase, from Longhorn to Fighting Eagles Dr, will begin once the permit is received and is expected to be completed in mid 2010. *(Project Manager: Jason Brodigan)*

- **Stonebrook Parkway (Dallas North Tollway – Preston)** – The project will replace two westbound lanes with three reconstructed lanes and includes the installation of a 36-inch water line. Surveying and geotechnical investigation has been completed and CH2M Hill is approximately 30% complete with the design. Construction is expected to begin in Summer 2009 and take approximately 14 months to complete. *(Project Manager: Art Hartle)*
- **Teel Parkway (Panther Creek Parkway - North of Little River)** – Project to construct the two northbound lanes widening the roadway to four lanes. This project is jointly funded by FISC. Construction began in May 2008. Rodman Excavating has completed 95% of the paving and continues to work while they await the relocation of a power pole in conflict with a drive approach. Weather permitting, the contractor should be able to open the roadway in late 2008. *(Project Manager: Michael Bulla)*
- **Teel Parkway (Eldorado Parkway – Freestone) -** Project to construct the two northbound lanes completing the four lane roadway. Staff is currently negotiating a contract with the engineer. Design is expected to begin in early 2009. Construction is expected to be completed in conjunction with the completion of Eldorado Parkway. *(Project Manager: Jason Brodigan)*
- **Virginia Parkway (CR26 – Preston)** – Project to construct 6 lanes from County Road 26 to Preston Road, including bridges over Parvin Branch and BNSF RR. Design of the project is approximately 25% complete and is expected to be completed by Summer 2009. The project is anticipated to be complete in early 2011. *(Project Manager: Jason Brodigan)*
- **West Frisco Wastewater Improvements** – Construction began in March 2007, by Oscar Renda Contracting, for improvements to the Trails, Fairways, and Grayhawk Lift Stations and the construction of a new force main to the Panther Creek Wastewater Treatment Plant. Wastewater began pumping north to the Panther Creek Wastewater Treatment Plant from the Grayhawk Lift Station in April 2008. The Fairways Lift Station flow was redirected to Panther Creek WWTP in June, and the Trails Lift Station flow was redirected in July. Construction is anticipated to be completed by the end of 2008. *(Project Manager: Art Hartle)*
- **World Cup Way (Main – Frisco Square Blvd)** – Project to construct a two lane undivided roadway from Main Street to Frisco Square Blvd. North Texas Contracting Inc. began work in August. Water, Sewer and Drainage improvements are now complete. Design Engineers have resolved errors in grade elevation and paving is scheduled to be complete this month. The contractor continues to push to finish paving prior to the holidays. *(Project Manager: Michael Bulla)*

Transportation Highlights – Brian Moen:

- **Development/CIP Plan Reviews** – Staff reviewed 38 sets of development and CIP plans this month. Staff also reviewed and processed two TxDOT driveway permit applications.
- **SH121 and DNT Tollway Construction** – Staff has been reviewing NTTA's plans for the construction of a full interchange at SH 121 and the Dallas North Tollway (including direct-connect ramps in all directions).
- **Internally Illuminated Street Name (ILSN) Signs** – Staff will be preparing additional analysis for TxDOT to review in conjunction with our request to add Illuminated Street Name Signs on Preston Road and Custer Road. It is unknown at this time when this additional analysis will be complete. Once the completed analysis is approved by TxDOT, it will take approximately 8 to 12 weeks to have the signs fabricated and installed.
- **Intersection Improvement Projects** – Construction of the turn lanes at Main and Teel has been hampered by franchise utility relocations. Paving work is expected to resume in late November 2008. *(Project Manager: Michael Bulla)*

- **Citizen Inquiries** – Staff has responded to several citizen inquiries that came into the department by telephone, email, and the City Message Board.
- **Miscellaneous Traffic Studies** – This month, staff conducted the remaining speed studies on roadways to update the citywide Speed Ordinance, which was brought to Council on November 18. Staff is refining the crash database (based on police reports) and purchasing new software to facilitate crash analysis of intersections. Staff studied traffic operations at Main Street and Kyser Way. Staff conducted two speed studies at the request of citizens.
- **Quiet Zone Project** – Quiet Zone approval from the Federal Railroad Administration (FRA) is on hold until crossing improvements are complete at CR 712 and at Frisco Square Blvd. In addition, the City will need to secure an alternative access to the sewage treatment plant near the DNT railroad crossings to remove the current railroad crossing serving this site. Staff expects these improvements to be complete allowing a Quiet Zone to be established in the first or second quarter of 2009.
- **School Zones** – Staff meets monthly with representatives of FISD to discuss any school zone, crossing guard, or sidewalk issues. Staff observed traffic circulation at three campuses at the request of school staff and citizens. Staff is in the process of installing a bike lane/pedestrian way on the pavement of Beacon Hill Drive and Indigo Sky Drive in Lone Star Ranch due to the lack of sidewalks on the route to Bledsoe Elementary. Staff is currently processing the data from our bi-annual pedestrian count where crossing guards count the number of students using their crossing. Staff is working with Environmental Services to promote Walking to School programs to reduce traffic at schools.
- **Signal Timing** – Staff is reviewing Request for Qualifications (RFQ) for signal timing services using NCTCOG funds and will make recommendations to Council in November. Selected consultants will retime Main Street (FM 423 to Custer), Dallas Parkway (Gaylord to Eldorado), Preston Road (Gaylord to US 380), and Warren Parkway (Legacy to Preston). Work is expected to begin this winter with new timings implemented on these corridors by Spring 2009. This month, staff developed new timing plans for the new traffic signal at Legacy Drive and Panther Creek Parkway. Staff also adjusted the timing along Preston Road to improve the efficiency of late night operations. On an ongoing basis, staff changes the operation of various traffic signals along Eldorado Parkway to coincide with TxDOT closures as part of the widening project.
- **Special Events** – Staff planned road closures and provided traffic management support for the EdgeFest concert, the Gary Burns Fun Run, the Community Parade, and the Chunk Your Junk event. Staff is planning traffic control for the upcoming Christmas events in Frisco Square. As part of the Special Events Review Committee, staff helps review all pending special event applications for any traffic control needs.
- **Staff** – The department is still actively searching for qualified transportation engineers to fill our vacant positions. The department hired Rustin Stewart to fill the position of a second Traffic Signal System Operator.
- **Thoroughfare Standards Ordinance** – Staff is currently editing a draft update to the thoroughfare standards ordinance based upon ongoing research as well as coordination with other departments. Staff is also reviewing the draft rewrite of the Subdivision Ordinance with Planning Staff to ensure the two documents do not overlap or conflict with each other.
- **Traffic Count Map** – The traffic count map is available on the internet at maps.friscotexas.gov. It provides daily traffic volume counts (and the date of each count) on multiple segments of every major roadway.
- **Traffic Control** – Staff reviewed the traffic control plans for several construction zones. Staff is coordinating with TxDOT on major detours for night-time and weekend closures of sections of Eldorado Parkway during the widening project.
- **Traffic Signal Construction**
Staff has completed specifications for an annual contract to procure electrical service pedestals for new traffic signal installations. Providing this equipment to the contractor at the

start of the project will reduce delays from TXU and CoServ once the construction is complete and power is needed to turn on the signal.

- 1) **Eldorado / Frisco St** – Staff reviewed the final design incorporated into the Eldorado Pkwy widening project between DNT and Preston Rd.
 - 2) **Eldorado / North County** – Staff reviewed the final design incorporated into the Eldorado Pkwy widening project between DNT and Preston Rd.
 - 3) **Eldorado / Rogers** – Staff reviewed the final design incorporated into the Eldorado Pkwy widening project between DNT and Preston Rd.
 - 4) **Legacy / Town and Country** – This traffic signal design from Kimley Horn is complete and staff submitted the developer a cost estimate for materials to be provided by the City for the project.
 - 5) **Ohio / Gaylord** – Plans for this signal are complete and staff is evaluating the need for the signal now that the Ohio Bridge over SH 121 is open.
 - 6) **Ohio / Warren** – Plans for this signal are complete and staff is evaluating the need for the signal now that the Ohio Bridge over SH 121 is open.
 - 7) **Independence / Eldorado** – Kimley Horn is revising the design for this signal based on staff comments. Construction is expected to begin in early 2009 in conjunction with intersection improvement scheduled to begin in early 2009.
 - 8) **DNT/Cotton Gin** – Kimley Horn is revising the design for this signal based on staff comments. Staff continues to work towards completing the plans for this location. However, construction may be delayed until traffic volumes on Cotton Gin increase.
 - 9) **Panther Creek / Legacy** – This signal was constructed as part of the Panther Creek Parkway project and, after a delay in power being provided to the intersection, this signal was placed into operation this month (October 30th).
 - 10) **Custer Road / Custer Bridges (Target)** – Staff is working with the City of McKinney to review a signal design from Kimley Horn for the Target signal south of Rolater Road on Custer Road. Target will fund the construction of this signal working with the City of McKinney. The timing and maintenance of the signal will be turned over to the City of Frisco by agreement with the City of McKinney so the signal can be coordinated with signals to the north maintained by the City of Frisco.
- **Traffic Signal System Communications** – The system provides communications to all of the traffic signals in the City, allowing staff to monitor and control their operation remotely. Staff can also view the traffic detection cameras at most of the traffic signals, as well as five PTZ traffic cameras that can be controlled remotely. Staff is preparing to install a software package that will aid in the programming, maintenance, and wireless security of the wireless radios used to communicate with traffic signal locations in the field.
 - **Training and Conference Attendance** – Staff attended a TEEEX training course on Work Zone Traffic Control and Safety. Staff attends the monthly local meetings of the Texas Section of the Institute of Transportation Engineers.
 - **Truck Route Ordinance** – City Council approved the new comprehensive truck route ordinance in early September. Staff has created a plan for the installation of truck route signs along the newly established routes that will guide trucks through the City. Staff previously submitted a plan for the truck route signs that will be on TxDOT roadways to TxDOT for review and received their comments this month. Staff is creating plans for the installation (or modification) of No Truck signs in strategic locations in the City to prohibit trucks from leaving the designated routes.
 - **Traffic Signal Maintenance** – The City of Frisco currently operates and maintains 70 traffic signals within the City of Frisco. City crews provide on-call maintenance 7 days per week with a 45 minute response time.

A significant part of this maintenance relates to the 249 video cameras used to detect vehicles at each signal. Currently, 100% of the video detection is fully operational.

Maintaining this video detection is becoming easier with the citywide communication system because diagnosing and troubleshooting detection issues can now be performed from our central control center.

City crews are preparing to install another school flasher at Stafford Middle School once Teel Parkway is complete

Another monthly activity is preventative signal maintenance.

- **Roadway Lighting Maintenance** - FSG/Design Electric is in the process of replacing factory defective capacitors surrounding Pizza Hut Park. City crews performed lighting repairs at several locations. New lighting was activated on the new segment of Panther Creek Parkway between Teel Parkway and the Dallas North Tollway.

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| Total lamp poles maintained | 1616 |
| Total lamp fixtures maintained | 2678 |
| Number of locations maintained in the last 30 days | 38 |
| Citywide lighting fully operational | 89% |